

Titles of most frequently occurring classifications of patents returned
from a search of 10526552 on Dec 01 , 2010

- 6 704/E15.04 (0 OR, 6 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/E15.001 . SPEECH RECOGNITION (EPO)
 704/E15.04 .. Procedures used during a speech recognition process, e.g.,
 man-machine dialogue, etc. (EPO)
- 5 704/270.1 (4 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/270 .. Application
 704/270.1 ... Speech assisted network
- 4 704/270 (2 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/270 .. Application
- 4 704/275 (1 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/270 .. Application
 704/275 ... Speech controlled system
- 4 1/1 (4 OR, 0 XR)
 Class 1/1 NO DATA PATENTS
- 3 704/9 (2 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/1 . LINGUISTICS
 704/9 .. Natural language
- 3 379/88.18 (1 OR, 2 XR)
 Class 379 TELEPHONIC COMMUNICATIONS
 379/67.1 . AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
 379/88.18 .. Interacting voice message systems
- 3 704/251 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/231 .. Recognition
 704/251 ... Word recognition
- 3 704/257 (1 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/231 .. Recognition
 704/251 ... Word recognition
 704/255 Specialized models
 704/257 Natural language
- 2 704/201 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,

10526552_CLSTILES.txt
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/201 .. For storage or transmission

2 715/841 (1 OR, 1 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
 OPERATOR INTERFACE PROCESSING AND SCREEN SAVER DISPLAY PROCESSING
 715/700 . OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
 715/764 .. On-screen workspace or object
 715/810 ... Menu or selectable iconic array (e.g., palette)
 715/841 Sub-menu structure

2 707/E17.005 (0 OR, 2 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
 STRUCTURES
 707/E17.001 . INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)
 707/E17.005 .. Interfaces; database management systems; updating (EPO)

2 706/11 (0 OR, 2 XR)
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 706/11 . HAVING PARTICULAR USER INTERFACE

2 715/978 (0 OR, 2 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
 OPERATOR INTERFACE PROCESSING AND SCREEN SAVER DISPLAY PROCESSING
 715/978 . AUDIO INTERACTION AS PART OF AN OPERATOR INTERFACE

2 706/45 (1 OR, 1 XR)
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 706/45 . KNOWLEDGE PROCESSING SYSTEM

2 706/61 (1 OR, 1 XR)
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 706/45 . KNOWLEDGE PROCESSING SYSTEM
 706/59 .. Creation or modification
 706/61 ... Knowledge acquisition by a knowledge processing system

2 705/26 (0 OR, 2 XR)

2 379/88.04 (2 OR, 0 XR)
 Class 379 TELEPHONIC COMMUNICATIONS
 379/67.1 . AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
 379/88.01 .. Voice activation or recognition
 379/88.04 ... Voice controlled message management

2 379/88.17 (1 OR, 1 XR)
 Class 379 TELEPHONIC COMMUNICATIONS
 379/67.1 . AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
 379/88.17 .. Interaction with an external nontelephone network (e.g.,

Internet)

2 370/401 (0 OR, 2 XR)
 Class 370 MULTIPLEX COMMUNICATIONS
 370/351 . PATHFINDING OR ROUTING
 370/389 .. Switching a message which includes an address header
 370/400 ... Having a plurality of nodes performing distributed
 switching
 370/401 Bridge or gateway between networks

2 717/104 (1 OR, 1 XR)
 Class 717 DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND
 MANAGEMENT
 717/100 . SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G., INTEGRATED CASE

TOOL OR STAND-ALONE DEVELOPMENT TOOL)

717/104 .. Modeling

2 704/E21.001 (0 OR, 2 XR)

Class 704

LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION, LINGUISTICS,

704/E21.001

.. MODIFICATION OF AT LEAST ONE CHARACTERISTICS OF SPEECH WAVES

(EPO)

2 707/999.104 (0 OR, 2 XR)

Class 707

STRUCTURES DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/999.1

.. DATABASE SCHEMA OR DATA STRUCTURE (707/100)

707/999.103

.. Object-oriented database structure (707/103R)

707/999.104

.. Object-oriented database structure processing (707/103Y)

2 719/328 (2 OR, 0 XR)

Class 719

INTERPROGRAM COMMUNICATION OR INTERPROCESS COMMUNICATION (IPO)

719/328

.. APPLICATION PROGRAM INTERFACE (API)

2 704/231 (0 OR, 2 XR)

Class 704

LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION, LINGUISTICS,

704/200

.. SPEECH SIGNAL PROCESSING

704/231

.. Recognition

2 704/E15.026 (0 OR, 2 XR)

Class 704

LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION, LINGUISTICS,

704/E15.001

.. SPEECH RECOGNITION (EPO)

704/E15.014

.. Speech classification or search (EPO)

704/E15.018

.. Using natural language modeling (EPO)

704/E15.026

.. Parsing for meaning understanding (EPO)

2 717/170 (0 OR, 2 XR)

Class 717

MANAGEMENT DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND

717/168

.. SOFTWARE UPGRADING OR UPDATING

717/170

.. Plural version management